

Thursday, April 20, 2017 3:06:21 PM

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[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER : ☐							

Work Order ID 160087

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160087

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Item ID: D350-567-115 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Replacement Interior Window
Start Date: 4/21/2017 Start Qty: 4.00 ***4*** Cust Item ID:
Required Date: 4/28/2017 Req'd Qty: 4.00 ***4*** Customer:
Reference: (P.A.)SCHEDULED/S

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
120 *120* QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00 0.12				4	DAS 28 9-89		
									MAY 16 2017
130 *130* Packaging Packaging	Packaging Memo Identify and pack for shipping as per PPP D350-567-115 Location:FG032	0.00 0.00				4	DAS 27 9-89		
									MAY 16 2017
140 *140* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.40							17/5/16 JH

DAS
21
9-89

MAY 16 2017

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
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								Lead hand / Supervisor Approval Verification	
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Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

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160087

D350-567-115

Start Date: 4/21/2017**Required Date:** 4/28/2017

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A New Issue 04-08-24 JLM
IPP Rev:B CHG#2 ECN 1055 07-11-21 DD verified by:EC
IPP Rev:C 08-10-07 as per revD DD verified by: IPP REV:D
13.10.15 AS PER IIN REV.E DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-4A *AN3-4A* Bolt		Purchased	No			110	Each	119.0000	4	16		MAY 15 2017	DAS 6 27 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST350		119							
				m136379		119							
AN526C632R12 *AN526C632R12* Screw		Purchased	No			110	Each	140.0000	9	36		MAY 15 2017	DAS 6 27 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST327		140							
				m135766		40							
				m136741		100							
D2463 *D2463* 1/2" Seal (\$ per foot)		Manufactured	No			110	f	185.5345	4.41	17.64		MAY 15 2017	DAS 6 27 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST409		185.5344587							
				140013		3.9081E-05							
				148875		185.53442							

1X (d2463-0530 AS PER DWG) CUT TO 53.00"

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐								
		OTHER : ☐							

Picklist Print

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Work Order ID: 160087

160087

Parent Item: D350-567-115

D350-567-115

Parent Item Name: Replacement Interior Window

Start Date: 4/21/2017

Required Date: 4/28/2017

Start Qty: 4.00

Required Qty: 4.00

D3293-1 Manufactured No

110 Each

11.0000

1 4

**

DAS
6
9-89

DAS
27
9-89

D3293-1

Doubler For Interior Window For -111

DAS
28
9-89

Location

Loc Qty

Loc Code

ST435

11

153510

4

155574

7

4

D3294-1 Manufactured No

110 Each

11.0000

1 4

**

DAS
6
9-89

DAS
27
9-89

D3294-1

Bracket For Interior Window For -115

DAS
28
9-89

Location

Loc Qty

Loc Code

ST435

3

153475

3

ST439

8

155510

8

3

D3295-041 Manufactured No

110 Each

9.0000

1 4

**

DAS
6
9-89

DAS
27
9-89

D3295-041

Replacement Interior Window for -111

DAS
28
9-89

Location

Loc Qty

Loc Code

ST436

9

153520

1

154541

2

155593

2

156279

2

156844

2

1

2

1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Work Order ID: 160087

160087

Parent Item: D350-567-115

D350-567-115

Parent Item Name: Replacement Interior Window

Start Date: 4/21/2017

Required Date: 4/28/2017

Start Qty: 4.00

Required Qty: 4.00

D3296-041 Manufactured No

110 Each

9.0000

1 4

DAS
6
9-89

D3296-041

Replacement Interior Door For -111

DAS
28
9-89

Location

Loc Qty

Loc Code

ST436

9

154558

2

155526

4

158115

3

MAY 15 2017 DAS 27 9-89

D5420-1 Manufactured No

110 Each

10.0000

1 4

DAS
6
9-89

D5420-1

Doubler Plate

DAS
28
9-89

Location

Loc Qty

Loc Code

ST168

10

151543

10

MAY 15 2017 DAS 27 9-89

DT8439 Manufactured Yes

110 Each

0.0000

1 4

DAS
6
9-89

DT8439

TEMPLATE

DAS
28
9-89

MS20426AD3-5

Purchased No

110 Each

3,374.000

8 32

DAS
6
9-89

MS20426AD3-5

Rivet

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

2304

4533

2304

ST312

1070

4533

1070

MAY 15 2017 DAS 27 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					

Root Cause			FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____						
Misidentified	☐	Past Due	☐							

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Work Order ID: 160087

160087

Parent Item: D350-567-115

D350-567-115

Parent Item Name: Replacement Interior Window

Start Date: 4/21/2017

Required Date: 4/28/2017

Start Qty: 4.00

Required Qty: 4.00

MS20470AD4-5

Purchased

No

110

Each

2,016.000

2

8

MS20470AD4-5

RIVET, UNIVERSAL HEAD

**

DAS
6
9-89

DAS
27
9-89

MAY 15 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

1664

m136851

1664

ST310

352

m134654

352

MS20470AD4-6

Purchased

No

110

Each

1,789.000

115

460

MS20470AD4-6

Rivet, Universal Head

**

DAS
6
9-89

DA
27
9-89

MAY 15 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

331

m133077

331

ST310

1458

m136787

1458

MS20470AD4-7

Purchased

No

110

Each

1,638.000

15

60

MS20470AD4-7

Rivet, Universal Head

**

DAS
6
9-89

DAS
27
9-89

MAY 15 2017

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK004

425.604

m134630

425.604

LG001

1.396

m134630

1.396

ST310

1211

m134376

1211

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Shop Packet Print

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DQA: _____ Date: _____



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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : ☐			

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Work Order ID: 160087

160087

Parent Item: D350-567-115

D350-567-115

Parent Item Name: Replacement Interior Window

Start Date: 4/21/2017

Required Date: 4/28/2017

Start Qty: 4.00

Required Qty: 4.00

MS21042L06

Purchased

No

110

Each

143.0000

9

36

MS21042L06

Nut

DAS
28
9-89

Location

Loc Qty

Loc Code

ST303

143

m136741

43

m137061

50

m137320

50

**

DAS
6
9-89

MAY 15 2017
MAY 15 2017

DAS
27
9-89

MS21062L3

Purchased

No

110

Each

44.0000

4

16

MS21062L3

Nut Plate

DAS
28
9-89

Location

Loc Qty

Loc Code

ST300

44

m135043

4

m136787

10

m136983

30

**

DAS
6
9-89

MAY 15 2017
MAY 15 2017

DAS
27
9-89

NAS1149DN632J

Purchased

No

110

Each

279.0000

9

36

NAS1149DN632J

Washer

DAS
28
9-89

Location

Loc Qty

Loc Code

ST265

279

m134370

279

**

DAS
6
9-89

MAY 15 2017

DAS
27
9-89

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Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																							
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval																																																							
Root Cause		FAULT CATEGORY																																																													
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER :	
Misidentified ☐	Past Due ☐																																																														

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-567 REV. E
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-567 REV. 2

REF. TCCA STC: SH92-18

REF. FAA STC: SH989NE AND SH990NE

REF. EASA STC: EASA.IM.R.S.01560 AND EASA.IM.R.S.01561

SHOP COPY
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UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 16-0087 M.S.
120121

PURPOSE:

To provide a new location for the cabin fire extinguisher for aircraft equipped with P/N 19810-02-00 (SICMA-198 Seat). For further information on SICMA-198 Seats refer to Airbus CMM 25-12-31.

CHANGE:

For aircraft equipped with P/N 19810-02-00 (SICMA-198 Seat) add section 3.2.3, amend section 5.0 Parts List (ICA Section 25.7) and amend section 4.0 Weight and Balance (ICA Section 25.5) of Vertical Reference Window Installation Instructions D350-567 Rev. E (ICA D350-567 Rev. 2) as follows:

- (ADD) 3.2.3 This installation will require access to the under floor structure in the area aft of the pilot's collective stick. To access the under floor structure remove the applicable belly panel in accordance with the applicable Aircraft Maintenance Manual.

Remove and retain the cabin fire extinguisher P/N 1708337 B4 and Fire Extinguisher Support P/N 350A77 0131 40 from existing location. Per Figure 1, select the desired location for the fire extinguisher at either the "Primary" location or "Alternate" location.

Locate the D5420-1 Doubler Plate at the selected location per Figure 1 and transfer mark the holes from the D5420-1 Doubler Plate to the aircraft floor. Drill the nutplate hole pattern shown in Detail A. Touch up the drilled floor surface finish with chemical film (Alodine 1200/1201) per MIL-C-5541 and one coat of MIL-P-85582 or MIL-P-23377 primer.

Locate the D5420-1 Doubler Plate under the floor and install using qty (4) MS21062L3 nutplates and qty (8) MS20426AD3-5 Rivets (rivets fasten through floor and doubler). Locate the Fire Extinguisher Support P/N 350A77 0131 40 over the drilled holes and fasten it to the qty (4) MS21062L3 nutplates using qty (4) AN3-3A Bolts. Torque bolts 20-25 in-lbs (2.3-2.8 N-m). Reinstall the P/N 1708337 Fire Extinguisher per the Aircraft Maintenance Manual.

Reinstall the belly panel per the applicable Aircraft Maintenance Manual.

CHANGE:

Amend Section 25.6 Equipment relocation of ICA D350-567 Rev. 2 as follows:

25.6 EQUIPMENT RELOCATION

- (IS) As part of the D350-567 kit installation, the aircraft data plate may have been relocated beneath the RH pilot's seat and the fire extinguisher may have been relocated to the LH side of the pilot's seat per Eurocopter Service Bulletin 25.00.59. See also Dart Drawing D350-567.

Depending on the Aircraft's seating configuration the fire extinguisher may have to be relocated to the LH side of the pilot's seat per Eurocopter Service Bulletin 25.00.59, or relocated to the cabin floor per Dart DSI 9745. See also Dart Drawing D350-567.

- (WAS) As part of the D350-567 kit installation, the aircraft data plate may have been relocated beneath the RH pilot's seat and the fire extinguisher may have been relocated to the LH side of the pilot's seat per Eurocopter Service Bulletin 25.00.59. See also Dart Drawing D350-567.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)
DATE: 16.04.06
CERT. NO.: SH92-18
ISSUE NO.: 6

A	NEW ISSUE (SEE PAR 16-510)	AJS	16.04.06
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9745	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE FIRE EX LOCATION	NTS
DATE	16.04.06	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

EDIT 5.0/25.7 PARTS LIST:

For customers with kits D350-567-013/-015/-017/-023/-025/-027/-117 @ CHG002 and earlier,
Customers with kits D350-567-111 @ CHG006 and earlier,
Customers with kits D350-567-115 @ CHG004 and earlier,
Customers with kits D350-567-031/-031B/-111B/-115B @ CHG001 and earlier,
Procure kit DSI 9745-011

Item	Qty -011	Part Number	Description
	X	DSI 9745-011	FIRE EXTINGUISHER RELOCATION KIT
1	1	D5420-1	DOUBLER PLATE
2	4	AN3-4A	HEX HEAD BOLT
3	8	MS20426AD3-5	CSK RIVET
4	4	MS21062L3	NUTPLATE

For customers with kits D350-567-013/-015/-017/-023/-025/-117 @ CHG003 and later,
Customers with kits D350-567-111 @ CHG007 and later,
Customers with kits D350-567-115 @ CHG005 and later,
Customers with kits D350-567-031/-031B/-111B/-115B @ CHG002 and later,
Refer to Installation Instructions D350-567 and ICA-D350-567 and update the parts list as follows:

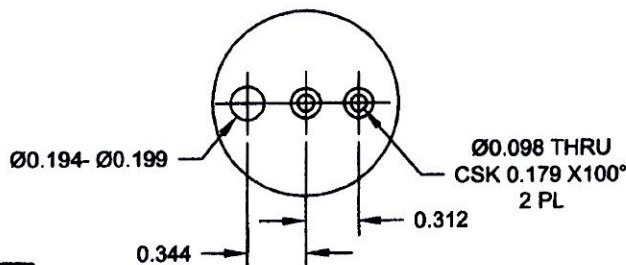
EDIT 5.0 ADD:

Qty -013	Qty -023	Qty -113	Qty -115	Qty -031	Part Number	Description
X					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
	X				D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
		X			D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
			X		D350-567-115	INTERIOR FLOOR WINDOW KIT
				X	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATIBLE)
			1	1	D5420-1	DOUBLER PLATE
			4	4	AN3-4A	HEX HEAD BOLT
			8	8	MS20426AD3-5	CSK RIVET
			4	4	MS21062L3	NUTPLATE

EDIT 4.0/25.5 WEIGHT AND BALANCE:

*Note: Does not include fire extinguisher weight

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
DSI 9745-011 (Primary Location)	0.1 lb	+1.6 in	+16 in lb	72.2 in	7.2 in lb
Fire Extinguisher Relocation Kit	0.05 kg	+0.04 m	+0.02 m kg	1.83 m	0.1 m kg
DSI 9745-011 (Alternate location)	0.1 lb	-4.4 in	-44 in lb	65.4 in	6.5 in lb
Fire Extinguisher Relocation Kit	0.05 kg	-0.11 m	-0.01 m kg	1.66 m	0.1 m kg

**DETAIL A**

(NUT PLATE HOLE PATTERN)

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01
APPROVED BY: <i>[Signature]</i> D. SHEPHERD (DE # 02)
DATE: 16.04.06 CERT. NO.: SH92-18 ISSUE NO.: 6

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9745	SHEET 2 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	ALTERNATE FIRE EX LOCATION	NTS
DATE	16.04.06	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

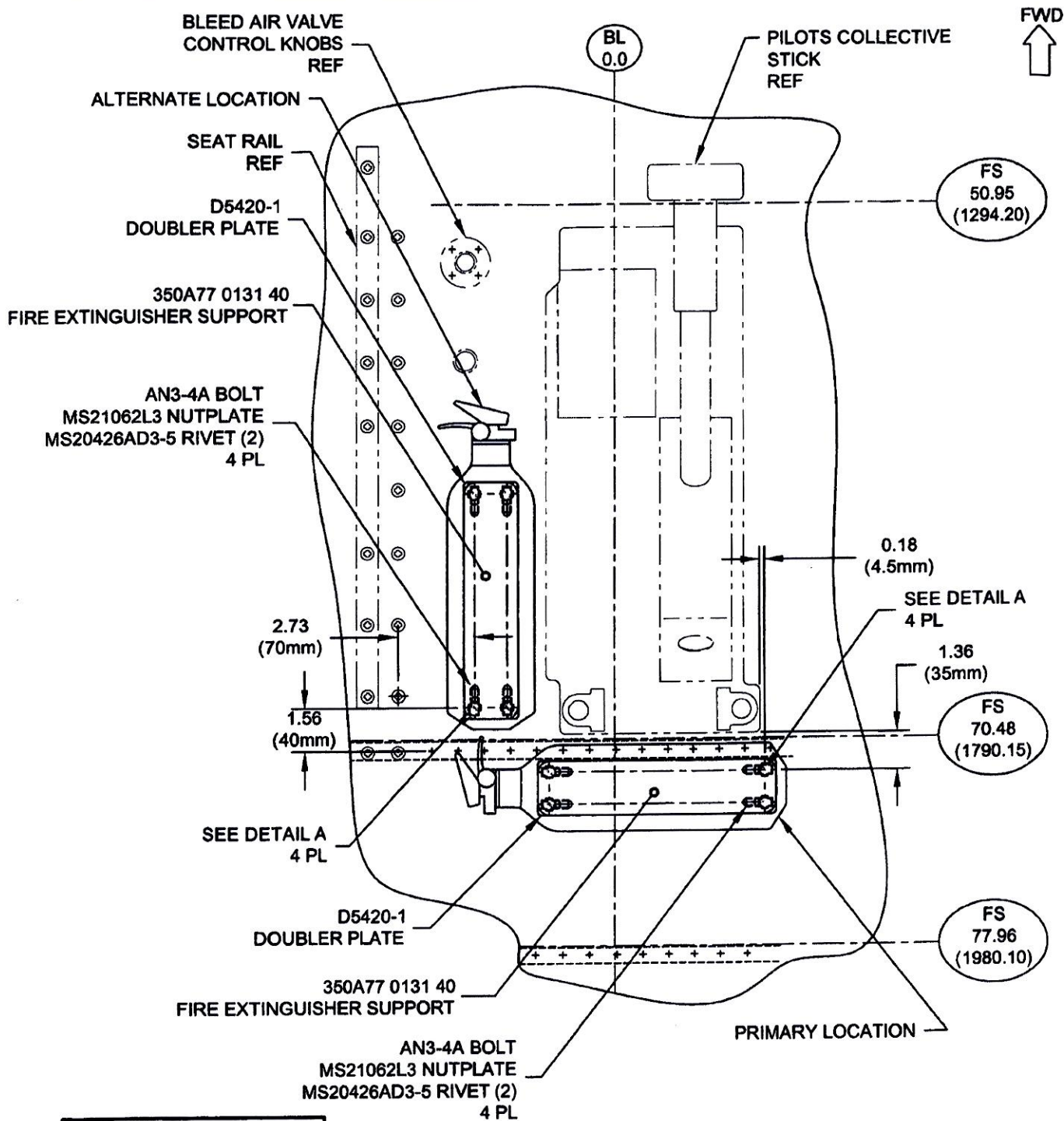


FIGURE 1

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 16.04.06
CERT. NO.: SH92-18
ISSUE NO.: 6

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9745	SHEET 3 OF 3
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	ALTERNATE FIRE EX LOCATION	NTS
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5.0 PARTS LIST

Qty -015	Qty -017	Qty -025	Qty -027	Qty -111	Qty -117	Part Number	Description
X						D350-567-015	FLOOR WINDOW INSTALLATION (SMALL)
	X					D350-567-017	FLOOR WINDOW INSTALLATION (SMALL)
		X				D350-567-025	FLOOR WINDOW INSTALLATION (LARGE)
			X			D350-567-027	FLOOR WINDOW INSTALLATION (LARGE)
				X		D350-567-111	FLOOR WINDOW INSTALLATION (EXTRA LARGE)
					X	D350-567-117	FLOOR WINDOW INSTALLATION (EXTRA LARGE)
1	1					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
		1	1			D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
				1	1	D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
	1		1	1		D350-567-115	INTERIOR FLOOR WINDOW KIT
1		1			1	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATABLE)

Qty -013	Qty -023	Qty -113	Qty -115	Qty -031	Part Number	Description
X					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
	X				D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
		X			D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
			X		D350-567-115	INTERIOR FLOOR WINDOW KIT
				X	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATABLE)
1					D2125	REPLACEMENT WINDOW, SMALL
	1				D2942	REPLACEMENT WINDOW, LARGE
		1			D3290-041	REPLACEMENT WINDOW ASSEMBLY, EXTRA LARGE
1					D2126-0600	SEAL
	1				D2463-0750	NEOPRENE SEAL
		1			D2463-0860	NEOPRENE SEAL
	9	12			2600-6	1/4 TURN FASTENER
	9	12			2600-LW	WASHER
	9	12			212-12	RECEPTACLE
	22	21			AN526C832R9	SCREW (OR AN526C832-9, OR MS51957-126)
	44	42			AN960JD8	WASHER
	22	21			MS21042L08	NUT (OR MS21042-08)
	18	24			MS20426AD3-5	RIVET
2 SQ. YD	2 SQ. YD	2 SQ. YD			N/A	9.7oz 7781 'S' GLASS UNIVERSAL WEAVE
				1	D2463-0450	NEOPRENE SEAL
				1	D3210-1	DOUBLER
				1	D3211-1	BRACKET
				1	D3212-1	FLOOR WINDOW
				1	D3213-041	DOOR ASSEMBLY
			1		D3293-1	DOUBLER
			1		D3294-1	BRACKET
			1		D3295-041	FLOOR WINDOW
			1		D3296-041	DOOR ASSEMBLY
			1		D2463-0530	NEOPRENE SEAL
			9	8	AN526C632R12	SCREW (OR AN526C632-12, OR MS51957-32)
			9	8	AN960JD6	WASHER
			9	8	MS21042L06	NUT (OR MS21042-06)
			2	40	MS20470AD4-5	RIVET
			115	90	MS20470AD4-6	RIVET
			15	20	MS20470AD4-7	RIVET

EDIT 5.0/25.7 PARTS LIST:

For customers with kits D350-567-013/-015/-017/-023/-025/-027/-117 @ CHG002 and earlier,
Customers with kits D350-567-111 @ CHG006 and earlier,
Customers with kits D350-567-115 @ CHG004 and earlier,
Customers with kits D350-567-031/-031B/-111B/-115B @ CHG001 and earlier,
Procure kit DSI 9745-011

Item	Qty -011	Part Number	Description
	X	DSI 9745-011	FIRE EXTINGUISHER RELOCATION KIT
1	1	D5420-1	DOUBLER PLATE
2	4	AN3-4A	HEX HEAD BOLT
3	8	MS20428AD3-5	CSK RIVET
4	4	MS21062L3	NUTPLATE

For customers with kits D350-567-013/-015/-017/-023/-025/117 @ CHG003 and later,
Customers with kits D350-567-111 @ CHG007 and later,
Customers with kits D350-567-115 @ CHG005 and later,
Customers with kits D350-567-031/-031B/-111B/-115B @ CHG002 and later,
Refer to Installation Instructions D350-567 and ICA-D350-567 and update the parts list as follows:

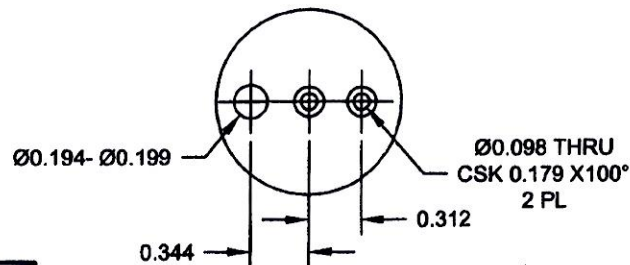
EDIT 5.0 ADD:

Qty -013	Qty -023	Qty -113	Qty -115	Qty -031	Part Number	Description
X					D350-567-013	REPLACEMENT WINDOW KIT (SMALL)
	X				D350-567-023	REPLACEMENT WINDOW KIT (LARGE)
		X			D350-567-113	REPLACEMENT WINDOW KIT (EXTRA LARGE)
			X		D350-567-115	INTERIOR FLOOR WINDOW KIT
				X	D350-567-031	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATIBLE)
			1	1	D5420-1	DOUBLER PLATE
			4	4	AN3-4A	HEX HEAD BOLT
			8	8	MS20428AD3-5	CSK RIVET
			4	4	MS21062L3	NUTPLATE

EDIT 4.0/25.5 WEIGHT AND BALANCE:

*Note: Does not include fire extinguisher weight

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
DSI 9745-011 (Primary Location)	0.1 lb	+1.6 in	+16 in lb	72.2 in	7.2 in lb
Fire Extinguisher Relocation Kit	0.05 kg	+0.04 m	+0.02 m kg	1.83 m	0.1 m kg
DSI 9745-011 (Alternate location)	0.1 lb	-4.4 in	-44 in lb	65.4 in	6.5 in lb
Fire Extinguisher Relocation Kit	0.05 kg	-0.11 m	-0.01 m kg	1.66 m	0.1 m kg



DETAIL A

(NUT PLATE HOLE PATTERN)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # 02)

DATE: 16.04.06
CERT. NO.: SH92-18
ISSUE NO.: 6

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9745	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE FIRE EX LOCATION	NTS
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DART AEROSPACE LTD.
1270 Aberdeen Street
Hawkesbury, ON, K6A 1K7
CANADA

Tel: 1 613 632 5200
Fax: 1 613 632 5246

e-mail: heli@dartaero.com
http://www.dartaero.com

REFERENCE ONLY

INSTALLATION INSTRUCTIONS

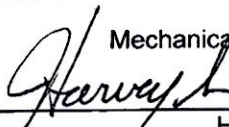
D350-567

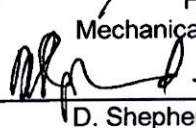
Vertical Reference Window Installations

EUROCOPTER AS 350/355 MODELS

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY: 	
D. SHEPHERD (DE # 02)	
DATE: 13.08.15	
CERT. NO.: SH92-18	
ISSUE NO.: #6	

Prepared By: 
V. Seib
Mechanical Designer

Checked By: 
H. Siemens
Mechanical Designer

Released By: 
D. Shepherd, P. Eng.
Chief Engineer

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Revision: E
Date: 13.08.15

Work Order ID 160087

160087

Page 1

Thursday, April 20, 2017 3:06:21 PM

Item ID: D350-567-115 Accept *N900040100* Setup Start *NS1*
 Revision ID:
 Item Name: Replacement Interior Window Stop *NS2*

Start Date: 4/21/2017 Start Qty: 4.00 *4* Cust Item ID:
 Required Date: 4/28/2017 Req'd Qty: 4.00 *4* Customer:
 Reference: (P.A.)SCHEDULED/S

Approvals: Process Plan: Date: 4/27/2017 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
DSI9745-011	A								
IIN-D350-567	E								

100 Document Control 0.00
 100
 DC
 Doc.Control -USB or Paperwork
 MAY 15 2017
 DAS
 6
 9.89
 0.00
 Memo
 Photocopy bluefile and create labels per PPP D350-567-115 CHG005
 CB (4) MAY 15 2017

110 Pick Kit 0.00
 110
 Packaging
 Packaging
 Memo
 0.00



Transport
Canada

Transports
Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario
Canada K6A 1K7

Number: SH92-18

Issue No.: 6

Approval Date: April 21, 1992

Issue Date: February 04, 2009

Responsible Office:

Ontario

Aircraft/Engine Type or Model:

EUROCOPTER FRANCE AS 350 BA, AS 350B, AS 350B1, AS 350B2, AS 350B3, AS 350D, AS 350D1, AS 355 E, AS 355 F, AS 355 F1, AS 355 F2, AS 355 N, AS 355 NP

Canadian Type Certificate or Equivalent:

EUROCOPTER FRANCE AS 350 BA, AS 350B, AS 350B1, AS 350B2, AS 350B3, AS 350B3, AS 350D, AS 350D1, H-83
EUROCOPTER FRANCE AS 355 E, AS 355 F, AS 355 F1, AS 355 F2, AS 355 N, AS 355 NP H-87

Description of Type Design Change:

Installation of vertical reference (floor) window.

Installation/Operating Data:

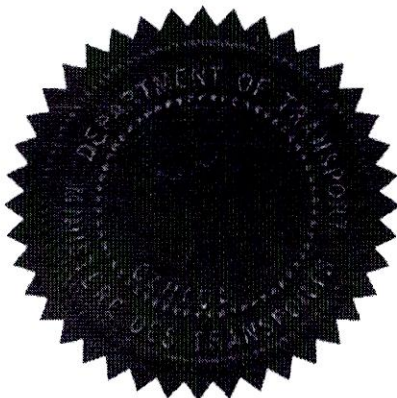
Required Equipment and Limitations:

Manufacturing must be accordance with Dart Aerospace Ltd. Master Drawing List MDL-D350-567, Revision A dated January 23, 2009 or later TC approved revision.

Installation must be in accordance with Dart Aerospace Installation Instructions D350-567, Revision D, dated July 8, 2008 or later TC approved revision.

Maintenance must be in accordance with Dart Aerospace Instructions for Continued Airworthiness, ICA-D350-567, Rev 0 dated January 20, 2009 or later TC accepted revision is required.

– END –



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.


M. Mariotti
For Minister of Transport

Canada